
MYCOTAXON

ISSN (print) 0093-4666 (online) 2154-8889 Mycotaxon, Ltd. ©2018

January–March 2018—Volume 133, pp. 173–174

<https://doi.org/10.5248/133.173>

Replacement names for two Australian species of *Inocybe*

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ABSTRACT—Replacement names are proposed for two Australian *Inocybe* species that are illegitimate later homonyms: *I. austrofibrillosipes* for *I. fibrillosipes* Matheny & al. and *I. fulvotomentosa* for *I. mallochyboides* Matheny & al.

KEY WORDS—Agaricales, *Inocybaceae*, new names, nomenclature

Inocybe austrofibrillosipes Matheny, Bougher & G.M. Gates **nom. nov.**

MYCOBANK MB 824698

ETYMOLOGY—Referring to *I. fibrillosipes* of the southern hemisphere.

≡ *Inocybe fibrillosipes* Matheny, Bougher & G.M. Gates, Fungi of Australia:

Inocybaceae: 188. June 2017, nom. illegit. ICN Art. 53.1

[non *I. fibrillosipes* E. Ludw., Pilzkompendium 4: 394. April 2017.]

TYPE: Australia, Tasmania, Mount Field National Park Lady Barron Track, gregarious to scattered in wet sclerophyll forest along bank of track under *Eucalyptus regnans*, *Acacia*, and *Pomaderris*, 8 June 2009, leg. D. Ratkowsky, G. Gates & P.B. Matheny PBM3224 (holotype, PERTH 08517002; isotype TENN 068200; GenBank ITS KJ778858).

Inocybe fulvotomentosa Matheny, Bougher, R. Rob. & K. Syme **nom. nov.**

MYCOBANK MB 824699

ETYMOLOGY—Referring to the yellowish brown colors and tomentose pileus surface.

≡ *Inocybe mallochyboides* Matheny, Bougher, R. Rob. & K. Syme, Fungi of Australia:

Inocybaceae: 180. June 2017, nom. illegit. ICN Art. 53.1

[non *I. mallochyboides* E. Ludw., Pilzkompendium 4: 434. April 2017.]

TYPE: Australia, Western Australia, London Forest Block, 1.8 km south of Mountain Road, along Renzo Road extension, on sandy soil in Jarrah forest under *Eucalyptus marginata*, *Kunzea*, and other myrtaceous shrubs, 10 June 2010, leg. R.M. Robinson & K. Syme PBM3501 (holotype, PERTH 08242240; isotype TENN 069669; GenBank ITS KP308773).

Two major works documenting species of *Inocybaceae* Jülich were published during 2017, one in Australia (Matheny & Bougher 2017) and one in Europe (Ludwig 2017). Both works independently described two new species under the names *Inocybe fibrillosipes* and *I. mallochyboides*; the European species in Ludwig (2017) are taxonomically unrelated to their Australian homonyms in Matheny & Bougher (2017). Because the study by Ludwig was published in April 2017 and that of Matheny & Bougher in June 2017, the names presented by Matheny & Bougher (2017) are later homonyms and thus illegitimate per ICN Art. 53.1. As a result, the replacement names *I. austrofibrillosipes* and *I. fulvotomentosa* are introduced to replace the two illegitimate Australian names.

Acknowledgments

The authors thank Ditte Bandini, Donna Braquet, Ellen Larsson, Shaun Pennycook, and Scott Redhead for assistance and advice.

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